

Title (en)  
Aluminium alloy for lithographic sheet

Title (de)  
Aluminium-Legierung für lithographische Platte

Title (fr)  
Alliage d'aluminium pour feuille lithographique

Publication  
**EP 1676931 A2 20060705 (EN)**

Application  
**EP 06075572 A 20011211**

Priority

- EP 01270197 A 20011211
- EP 00311029 A 20001211
- GB 0118100 A 20010725
- EP 06075572 A 20011211

Abstract (en)  
A lithographic sheet obtainable by a method not including an interannealing step is disclosed. The sheet is formed from an alloy having a composition in wt%: Mg 0.05 to 0.30 Mn 0.05 to 0.25 Fe 0.11 to 0.40 Si up to 0.25 Ti up to 0.03 B up to 0.01 Cu up to 0.01 Cr up to 0.03 Zn up to 0.15 Unavoidable impurities up to 0.05 each, 0.15 total, Al balance. Also disclosed is the alloy with a composition as above and a method for forming the lithographic sheet.

IPC 8 full level  
**B22D 11/00** (2006.01); **C22C 21/06** (2006.01); **B22D 11/049** (2006.01); **B22D 11/12** (2006.01); **B41N 1/08** (2006.01); **C22C 21/00** (2006.01); **C22F 1/00** (2006.01); **C22F 1/04** (2006.01); **C22F 1/047** (2006.01); **C23F 1/00** (2006.01)

CPC (source: EP US)  
**B41N 1/083** (2013.01 - EP US); **C22C 21/00** (2013.01 - EP US); **C22C 21/06** (2013.01 - EP US); **C22F 1/04** (2013.01 - EP US); **C22F 1/047** (2013.01 - EP US)

Cited by  
EP2243849A1; EP2067871A1; US11326232B2; WO2010122144A1; WO2009068502A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 0248415 A1 20020620**; AT E320513 T1 20060415; AU 2214402 A 20020624; DE 60117916 D1 20060511; DE 60117916 T2 20061116; EP 1341942 A1 20030910; EP 1341942 B1 20060315; EP 1676931 A2 20060705; EP 1676931 A3 20060726; ES 2259311 T3 20061001; JP 2004515652 A 20040527; JP 4107489 B2 20080625; US 2004047759 A1 20040311; US 2006254680 A1 20061116; US 2011056595 A1 20110310

DOCDB simple family (application)  
**GB 0105434 W 20011211**; AT 01270197 T 20011211; AU 2214402 A 20011211; DE 60117916 T 20011211; EP 01270197 A 20011211; EP 06075572 A 20011211; ES 01270197 T 20011211; JP 2002550126 A 20011211; US 43307803 A 20031008; US 48673306 A 20060714; US 92706210 A 20101105